

LOCAL AREA NETWORK AND MESSAGE PACKET
FOR A TELECOMMUNICATIONS DEVICE

ABSTRACT OF THE DISCLOSURE

A telecommunications device includes a sender coupled to a local area network. The sender generates a message packet including an arbitration code and a data packet and communicates a first value of the arbitration code using the network. The sender
5 determines a network value and compares the first value with the network value to determine whether the sender may communicate the data packet using the network. The arbitration code may further include a message priority code and a sender address. In another embodiment, the message packet further includes a destination code according to which the sender communicates the data packet as a point-to-point, multi-cast, or
10 broadcast message.

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